

Please replace the paragraph at page 37, line 26 through page 38, line 2, with the following amended paragraph:

Eighty ng each of primers SCA2-A (5'-GGG CCC CTC ACC ATG TCG-3') and SCA2-B (5'-CGG GCT TGC GGA CAT TGG-3') were added to 20 ng of human DNA with standard PCR buffer and nucleotide concentrations. The primer SCA2-B binds to the sequence 5'-CCA ATG TCC GCA AGC CCG-3' (SEQ ID NO:19), which is present in SEQ ID NO:2 and indicated in Fig. 6A below the horizontal arrow labeled SCA2-B. After an initial denaturation at 95°C for 5 minutes, 35 cycles were repeated with denaturation at 96°C for 1.5 minutes, an annealing temperature of 63°C for 30 seconds, extension at 72°C for 1.5 minutes, and a final extension of 5 minutes at 72°C.

REMARKS

These amendments have been added to correct typographical errors, add a paragraph regarding Government Support and to emphasize the substitute sequence listing. These amendments conform with those amendments filed in the parent application, U.S. Application No. 09/083,268, now U.S. Patent No. 6,673,535, said amendments filed on May 22, 1998, November 11, 1999, May 31, 2000 and June 26, 2002. These amendments also conform with the Supplemental Amendment filed in application U.S. Application No. 08/724,084, now abandoned, said Supplemental Amendment filed on October 19, 1998.

No new matter has been added by the amendments. Therefore, entry of these amendments into the present application is respectfully requested.

Information Disclosure Statement

An Information Disclosure Statement (IDS) is being filed concurrently herewith.

Entry of the IDS is respectfully requested.

CONCLUSION

In view of the above amendments and remarks, it is believed that all claims are in condition for allowance, and it is respectfully requested that the application be passed to issue. If the Examiner feels that a telephone conference would expedite prosecution of this case, the Examiner is invited to call the undersigned.

Respectfully submitted,

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